



Sigen EV DC Charging Module

- V2H power supply, ample backup energy
- V2G power transfer, ready for energy trading
- EV-supported home energy system black start
- Max. 25 kW stable bi-directional charging
- 150 V – 1000 V charging, wide EV compatibility
- Charge EV with 100% solar power
- Track & schedule charging on mySigen APP
- IP66 protection, maintenance free

Sigen EV DC Charging Module 12 / 25 kW

Preliminary

SigenStor EVDC ¹	12	25	Units
DC Output			
Max. charging power	12.5	25	kW
Max. discharging power (V2H, V2G)	12.5	25	kW
Output voltage range	150 ~ 1000		V
Max. output current	40	80	A
Charging interfaces	CCS2		
Protection			
Short-circuit protection	Supported		
Over / Under voltage protection	Supported		
Overload protection	Supported		
Over temperature protection	Supported		
Reverse polarity protection	Supported		
Welded contactor check	Supported		
General Data			
Dimensions (W / H / D)	700 / 270 / 260		mm
Weight	40		kg
Storage temperature range	-40 ~ 70		°C
Operating temperature range	-30 ~ 60		°C
Relative humidity range	5% ~ 95%		
Max. operating altitude	4000		m
Cooling	Smart air cooling		
System ingress protection rating	IP66		
Integrated charging cable length ²	5 / 7.5		m
Function			
Authentication	RFID card / Auto. charging (no authentication)		
Application	Bi-directional V2X operation (X=Building, Home, Grid) ³ , Smart load management		
User interfaces	LED indicator, App, RFID		
Remote function	OTA, Remote diagnostics		

1. Sigen EV DC Charging Module needs to be used together with Sigen Energy Controller.
2. Integrated charging cable length refers to the length of the cable that extends from the Sigen EV DC Charging Module, not the length of the exposed cable.
3. V2X functionality is limited by the EV's capabilities. Once the relevant standards are published and tested, V2X feature can be upgraded through the OTA. For the official support of vehicle models and support timelines, please refer to future announcement made on the official website.